

CLIMATOLOGICAL DATA FOR AUGUST, 1913.

DISTRICT NO. 2, SOUTH ATLANTIC AND EAST GULF STATES.

CHARLES F. VON HERRMANN, District Editor.

GENERAL SUMMARY.

August was uneventful from a meteorological point of view. The month opened warm, but there were no prolonged periods of excessively high temperatures, and the rainfall though generally light was fairly well distributed. Drought prevailed for brief periods in portions of Alabama, Georgia, and South Carolina without serious injury to crops which, as a rule, were in good condition at the close of the month. Monthly mean temperatures were generally slightly below normal in the portions of the district adjacent to the Atlantic Ocean and slightly above normal in the West, especially in the northern portions of the Gulf States. The number of thunderstorms reported was less than during either of the preceding two months and these, with few exceptions, were moderate in character, but several deaths by lightning again occurred in various portions of the district.

The pressure distribution presented no features of special interest, although it remained moderately low in the Middle and East Gulf States for several days in succession, but no distinct storm developed, though heavy precipitation resulted on the western coast of Florida. The highest atmospheric pressure was 30.35 inches at Norfolk, Va., on the 21st, and the lowest was 29.84 inches at Raleigh, N. C., on the 4th, giving a range for the district of only 0.51 inch.

TEMPERATURES.

The mean temperature for the district was 78.8° , which was practically normal, but the State averages show moderate deficiencies of about 1° for Virginia and North Carolina, and a similar moderate excess for Alabama and Mississippi, while in the intervening States the conditions were normal. The greatest excess in monthly mean temperature was slightly above 2° at several stations in northeastern Alabama.

The hot weather that characterized July continued into early August, but as a rule a moderation of temperature soon occurred. At many places in the Carolinas and Virginia the highest temperatures occurred on the 1st and in Alabama and Mississippi on the 5th; other periods of warm weather prevailed about the 10th-11th, 12th to 14th, and 28th-29th, the maximum temperatures ranging from 98° in Virginia to 104° in South Carolina, records not at all exceptional.

After the 14th an abrupt change to lower night temperatures took place and thereafter during the month the nights were generally cool. The coldest weather occurred about the 15th to 19th or 24th and 25th, during

which time the minimum temperatures reached or nearly reached 50° in all States in the district, except in Florida. The lowest was 50° on the 15th at Hot Springs, Va., on the 17th at Catawba, Va., and on the 18th at Willard, N. C.

The highest monthly mean temperature was 83.3° at Tuscaloosa, Ala., followed by 83° at Agricultural College, Miss., and the lowest mean was 68° at Hot Springs, Va. The range in monthly mean temperatures was generally small throughout the district.

PRECIPITATION.

The deficiency in precipitation was general over the district, but was most marked in South Carolina and Alabama, where the State averages were respectively 2.79 and 2.24 inches below normal. Drought prevailed in several counties in Alabama where some stations, among them the regular Weather Bureau stations at Montgomery and Birmingham, received the least rainfall for August on record. The total rainfall for the month was less than an inch over several small areas in the central portions of each of the Gulf States. The least was 0.20 inch at Cochrane, Ala.

The heaviest rains during the month fell on the Gulf coast of Florida, where the amounts exceeded 10 inches at 7 stations, with the maximum 16.09 inches at Bradenton. Outside of Florida more than 10 inches was received at only one place in Georgia and at one in North Carolina.

The rains did not occur in distinct periods, but were very scattering; although the average number of rainy days was only 9, in most States there were not more than three or four days on which rain did not fall at some station. The longest period of fair weather prevailed in the north between the 15th and 17th, and in the south from the 17th to about the 20th. Heavy local rains occurred on different dates in each State, the records not being particularly noteworthy. The maximum amount in 24 hours was 7.47 inches on the 24th at Fort Myers, Fla.

MISCELLANEOUS PHENOMENA.

The prevailing winds were from the south or southeast in all parts of the district, except in North Carolina, where southwest winds were recorded frequently as the prevailing direction. The wind movement was light, the hourly velocity exceeding 10 miles only at Norfolk, Capes Henry and Hatteras, and Pensacola. The maximum wind velocity was 56 miles on the 4th at Cape Henry, Va.; Macon, Ga., registered 54 miles north on the 3d.

The average number of clear days for the district was 15, partly cloudy 11, and cloudy 5. The average number of hours of sunshine was 290, or 70 per cent. The amount of sunshine was noticeably large in Alabama and Mississippi, Anniston, Ala., reporting 87 per cent. The least was 53 per cent, at Hatteras, N. C.

RIVER CONDITIONS.

As a rule the highest stages in the rivers occurred early in the month, the lowest during the last decade. Owing to the comparatively light character of the rainfall the average stages were below normal in Virginia and the Carolinas and did not depart greatly from the normal in most other sections. The rivers were too low to permit navigation in Alabama except that the lower Tombigbee and Black Warrior were navigable for a few days at the beginning of the month.

SEVERE THUNDERSTORM AT MACON, GA.

By W. A. MITCHELL, Observer.

A thunderstorm of more than ordinary severity passed over this city during the evening of August 3. The cloud formed rather suddenly in the northeast about 6 p. m., and reached the city at about 6.40 p. m. It had an intensely black and threatening appearance, though not like that of a tornado. There was a heavy downpour of rain from 6.40 to 7.10 p. m., but the unusual feature was the high wind that prevailed, ranging from 30 to 54 miles for about half an hour. Several plate-glass windows were blown in, trees and signs blown down, and electric wires tangled in every direction. Fortunately no hail accompanied the storm nor was the lightning severe.

STEVENS CREEK POWER DEVELOPMENT ON THE SAVANNAH RIVER.

By EUGENE D. EMIGH, Local forecaster, Augusta, Ga.

One of the most important projects for the development of hydroelectric power in the South is that of the Georgia-Carolina Power Co. on the Savannah River below the mouth of Stevens Creek, about 9 miles above Augusta, Ga. The dam, when completed, will contain 85,000 cubic yards of concrete, will be 2,650 feet long between abutments, and will have a crest 30 feet above the bed of the stream. Little difficulty has been encountered in building the dam, the bed of the stream being of solid granite, practically free from seams. The work is about half completed, and of the 10 units that will in all supply 32,250 horsepower at a tension of 43,000 volts, 2 units are expected to be ready for use before the end of the year.

The power house will be 380 by 50 feet and will extend over the stream from the Georgia side. Its upstream wall is of massive concrete construction 15 feet higher than the remainder of the dam.

In order to conserve the low-water supply of late summer and in a measure regulate the high-water flow, there have been constructed five sluice gates 8 by 8 feet, through each of which, when open, the discharge will be 2,000 cubic feet per second. The lock provided for the passage of boats is 150 by 30 feet clear space and will fill in five minutes.

For many years the 12,000 horsepower furnished by the Augusta Power Canal has been completely utilized. The addition of nearly 32,000 horsepower represented by the Stevens Creek hydroelectric development is, therefore, an important step in the path of progress.

TABLE 1.—Climatological data for August, 1913. District No. 2, South Atlantic and East Gulf States.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.								
Virginia.																						
Arvonia.	Buckingham.	350	9	73.6	-1.6	93	10	55	21	30	6.46	+1.44	1.98	0	12	14	12	5	nw.	Rev. Plummer F. Jones.		
Ashland.	Hanover.	221	22	74.7	-1.1	95	10	57	21	26	4.51	+0.18	2.44	0	5	2	26	3	s.	E. L. C. Scott.		
Buchanan.	Botetourt.	820	9									-0.61	1.57	0	6					d. d. Booze.		
Callaville.	Brunswick.	250	19	75.7	-0.2	97	10	52	16	37	1.85	-3.40	0.94	0	7	17	9	5	e.	F. M. Gage.		
Cape Henry.	Princess Anne.	20	39	75.8	-1.1	94	10	62	22	24	3.94	-2.16	1.36	0	7	16	9	6	e.	U. S. Weather Bureau.		
Catawba.	Roanoke.	1,760	2	71.7	-	90	1	50	17	30	5.76	-	1.00	0	11	19	3	2	w.	State Bd. of Health Sanita'm.		
Charlottesville.	Albemarle.	800	24	74.4	+0.1	94	10	56	21	28	2.07	-1.11	2.04	0	10	12	6	13	w.	Leander McCormick Ob'try.		
Clarksville.	Mecklenburg.	286	19									-3.02	0.88	0	8					j. a. Ligun.		
Columbia.	Fluvanna.	246	15	73.3	-2.5	91	10	53	20†	29	3.45	-1.10	1.97	0	7	14	9	8	ne.	Chesapeake & Ohio Ry. Co.		
Danville.	Pittsylvania.	413	13									-1.22	1.75	0	10					c. g. Watkins.		
Diamond Springs.	Princess Anne.	25	3	75.2	-	93	10	56	17	26	4.47	-	1.75	0	6	23	5	3	se.	Va. Truck Experiment Sta.		
Dry Bridge.	Chesterfield.	325	2									-	5.98	0	11				dr. e. w. Magruder.			
Hampton.	Elizabeth City.	5	30	76.6	-0.5	95	10	62	16	21	3.30	-	1.19	1.26	0	5	22	8	1	ne.	Normal and Agr. Institute.	
Hot Springs.	Bath.	2,195	21	68.0	-0.7	86	1	50	15	28	4.71	+1.36	1.20	0	6	18	11	2	a. m. Tait.			
Ivor.	Southampton.	87	4	74.3	-	94	10	51	21	31	3.38	-	1.02	0	6				n. & w. ry. Experm't Farm.			
Lassiter.	Goochland.	100	3									-	0.70	0	7	16	5	10	t. j. Davis.			
Lexington.	Rockbridge.	1,060	36	72.1	-1.2	94	10	52	25	30	3.42	+0.03	1.04	0	13	18	6	7	sw.	Va. Military Institute.		
Lynchburg.	Campbell.	685	42	75.1	+0.3	96	10	60	26	29	4.40	-1.85	1.20	0	11	15	11	5	se.	U. S. Weather Bureau.		
Newport News.	Warwick.	55	10	76.4	-	95	10	60	16†	27	5.06	-	2.42	0	9	15	11	5	sw.	c. w. Ashby.		
Norfolk.	Norfolk.	91	43	75.9	-0.8	93	10	63	17	25	4.14	-	1.83	1.27	0	9	15	12	4	sw.	U. S. Weather Bureau.	
Petersburg.	Dinwiddie.	66	26	76.5	-0.4	95	1	59	12	23	2.47	-	2.37	1.28	0	4			w. j. Abbott.			
Randolph.	Charlotte.	334	9									-	4.79	2.40	0	7			s.	U. S. Weather Bureau.		
Richmond.	Henrico.	144	34	75.2	-2.3	94	10	58	22	29	3.54	+0.18	1.84	0	10	15	10	6	e.	Capt. Reese F. Bell.		
Roanoke.	Roanoke.	907	3	73.6	-	95	10	55	17†	32	4.27	-	1.47	0	11	17	10	4	sw.	G. W. B. Hale.		
Rocky Mount.	Franklin.	1,150	19	75.2	+0.3	96	10	56	16†	31	4.69	-	1.21	1.43	0	14			dr. Jesse Ewell.			
Ruckersville.	Greene.	625	2	72.9	-	98	10	51	21	36	2.18	-	1.08	0	7	17	8	6	w.	B. W. Jones.		
Runnymede (near).	Surry.	15	25	75.6	+0.5	94	10	56	21†	26	4.18	-	1.51	1.60	0	11	14	8	10	se.	Miss Etta Rickman.	
Stuart.	Patrick.	1,188	1	71.2	-	94	1	50	24	33	10.03	-	2.15	0	13	6	16	9	6	se.	C. L. Maskey.	
West Point.	King William.	15	1	75.8	-	92	4	58	21	25	2.43	-	0.70	0	9	22	3	6	sw.	Eastern State Hospital.		
Williamsburg.	James City.	70	22	75.2	+0.5	94	10	58	16	29	3.98	-4.04	1.06	0	7	15	10	6	se.			
North Carolina.																						
Albemarle.	Stanly.	700	1	76.9	-	96	11	53	17	39	4.27	-	1.19	0	13	19	7	5	sw.	M. J. Harris.		
Altapass (near).	McDowell.	2,133	1									-	0.82	0	11	5	21	5	w.	R. F. Brewer.		
Brewers.	Wilkes.	1,950	16	73.8	-1.0	93	4	53	25	35	8.51	+1.93	2.40	0	19	5	21	5	sw.	W. L. Brewer.		
Caroletan.	Rutherford.	806	13	77.3	-0.2	97	1	60	18†	32	5.44	-5.00	0.78	0	8	10	20	1	sw.	S. B. Tanner.		
Chalybeate Springs.	Harnett.	500	7	76.6	-	94	1†	55	17	33	3.76	-	1.91	0	10	20	5	6	se.	J. A. Smith.		
Chapel Hill.	Orange.	500	55	75.8	-1.2	93	1	53	17	30	4.03	-	1.14	1.00	0	14	17	8	6	e.	Prof. A. H. Patterson.	
Charlotte.	Mecklenburg.	773	37	77.2	+0.6	98	1	63	16	26	4.48	-	1.07	1.34	0	11	9	14	8	se.	U. S. Weather Bureau.	
Chimney Rock.	Rutherford.	1,150	3	74.4	-	93	1	58	25†	28	5.88	-	1.38	0	13	12	18	1	w.	J. M. Flack.		
Durham (near).	Durham.	406	4									-	0.75	0	8					j. c. Michie.		
Eagleton.	Northampton.	66	8	76.0	-	93	10	55	21	30	1.34	-	0.47	0	6	16	12	3	sw.	J. T. Elliott.		
Edenton.	Chowan.	30	19	79.0	+0.7	95	6†	62	12†	27	3.35	-	2.63	1.15	0	4	23	4	3	sw.	E. R. Conger.	
Elizabeth City.	Pasquotank.	8	1									-	3.20	1.10	0	5	24	4	3	sw.	W. J. Simmons.	
Elizabethtown.	Bladen.	60	2									-	6.20	2.80	0	4				h. h. Barnhill.		
Elkin.	Surry.	874										-	3.85	0.96	0	13				cynthia l. Myers.		
Emfield (near).	Halifax.	99	2									-	1.51	0.79	0	10				t. s. Inborden.		
Fayetteville.	Cumberland.	170	26	78.2	+0.5	95	11	59	17	30	2.72	-	4.05	1.16	0	6	18	2	11	s.	Frank Glover.	
Globe (near).	Caldwell.	1,900	1									-	4.07	0.80	0	15				julius l. gragg.		
Goldboro.	Wayne.	102	43	75.7	-2.6	93	1†	59	17	26	1.97	-	5.00	0.63	0	10	16	12	3	se.	mrs. j. j. robinson.	
Gorge (near).	Caldwell.	1,358	1									-	6.31	1.02	0	14				a. j. bagley.		
Graham.	Alamance.	656	11	73.8	-0.2	97	1	60	18†	32	5.24	-	5.00	0.78	0	8	10	20	1	sw.	dr. w. r. goley.	
Greensboro.	Guilford.	843	32	74.0	-2.6	92	1	59	21	25	9.76	+4.42	2.28	0	10	14	6	11	ne.	a. h. horry.		
Greenville.	Pitt.	75	20	76.2	-	91	1	59	16†	25	3.43	-	3.64	1.25	0	10	12	14	5	ne.	r. m. hearne.	
Hatteras.	Dare.	11	39	77.6	-0.6	98	1	68	18	16	4.97	-	0.87	2.53	0	9	12	22	1	sw.	enoch powell.	
Henderson.	Vance.	508	20	75.8	-1.4	95	1	57	21	25	3.82	-	2.37	1.03	0	13	10	19	2	ne.	frank b. gwin.	
Hickory.	Catawba.	1,165	76.8	-							-	-	0.90	2.65	0	11				a. h. horry.		
Kings Mountain.	Cleveland.	952	1	77.2	-	98	1	61	26	27	4.05	-	1.55	0	7	16	13	2	sw.	r. m. hearne.		
Kinston.	Lenoir.	46	15	78.2	-1.3	93	1†	57	17†	30	4.76	-	1.48	1.43	0	9	19	5	7	ne.	enoch powell.	
Lincolnton.	Lincoln.	994	7	75.8	-	96	1	57	25	34	2.62	-	0.76	0	5	10	16	5	sw.	frank b. gwin.		
Louisburg.	Franklin.	375	22	78.8	-0.3	95	10	58	16†	29	4.68	-	1.02	1.43	0	7	15	12	4	sw.	g. t. king.	
Lumberton.	Robeson.	102	30	78.3	-0.6	96	1†	59	18	32	5.73	-	0.52	2.03	0	9				h. c. v. Peebles.		
Manteo.	Dare.	12	8	76.4	-	93	10	53	17	28	2.82	-	1.36	0	9	18	7	6	ne.	s. p. houser.		
Marion.	McDowell.	1,425	21	74.1	-0.9	92	1	59	4	32	5.80	-	0.41	2.03	0	19	12	16	3	sw.	t. b. wilder.	
Middletown.	Hyde.	4	2	76.7	-	98	7	58	17	31	5.53	-	2.40	0	9	13	6	7	sw.	u. s. weather bureau.		
Moncure.	Chatham.	145	19	75.9	-1.7	97	1	53	17	36	3.14	-	2.99	1.02	0	10	18	6	7	sw.	ser. j. t. utley.	
Monroe.	Union.	586	19	76.4	-0.3	95	1	55	17	34	4.04	-	2.99	1.1								

TABLE 1.—Climatological data for August, 1913. District No. 2—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.								
<i>South Carolina.</i>																					
Aiken.	Aiken.	565	18	79.3	-0.4	96	13	64	17	27	3.40	-1.83	1.10	0	5	13	15	3	s.	C. E. Carman.	
Allendale.	Barnwell.	186	24	81.6	+1.2	101	13	63	18	30	3.74	-2.32	1.40	0	9	12	13	0	w.	E. C. Cavan.	
Anderson.	Anderson.	704	11	78.8	+0.6	94	4	55	21	28	3.96	-2.12	0.92	0	7	7	6	0	w.	H. H. Russell.	
Batesburg.	Lexington.	656	24	78.2	+0.6	97	1	62	18	29	3.01	-2.61	1.15	0	9	6	6	0	w.	E. J. Hite.	
Blackville.	Barnwell.	296	23	82.2	+1.7	102	13	62	18	26	3.13	-2.75	0.95	0	6	6	6	0	w.	Mrs. D. B. Sanders.	
Blairs.	Fairfield.	293	7								4.37		1.58	0	8	19	11	1	w.	J. N. Owens.	
Bowman.	Orangeburg.	180	11	79.2	-0.3	98	13	60	18	32	2.38	-3.81	0.88	0	6	6	6	0	w.	B. O. Evans.	
Broxton.	Hampton.	2									1.07		0.30	0	6	6	6	0	w.	Thomas D. Williams.	
Calhoun Falls.	Abbeville.	508	19								5.94		0.07	0	10	10	10	0	w.	L. M. Parker.	
Camden.	Kershaw.	222	46	79.4		96	13	57	25	30	2.48	-3.09	0.98	0	6	6	6	0	w.	W. C. Brown.	
Catawba.	York.	562	7								2.33		0.88	0	6	6	6	0	w.	James C. Faris.	
Chappells.	Newberry.	402	7								8.78		4.19	0	8	8	8	0	w.	J. J. Murran.	
Charleston.	Charleston.	48	42	80.1	-0.2	98	13	69	18	22	3.50	-3.47	2.09	0	12	7	18	6	s.	U. S. Weather Bureau.	
Cheraw.	Chesterfield.	144	24	77.6	-1.1	94	11	58	17	28	7.09	+0.50	1.50	0	10	10	10	0	e.	J. H. Powe.	
Columbia.	Richland.	351	26	79.1	-0.4	96	1	61	17	27	1.46	-5.32	0.83	0	8	7	18	6	e.	U. S. Weather Bureau.	
Conway.	Horry.	25	20	78.4	-0.7	93	1	60	18	29	4.39	-2.55	0.96	0	11	11	11	0	e.	Paul Quattlebaum.	
Darlington.	Darlington.	175	17	77.8	-0.6	96	9	58	18	32	3.34	-2.85	0.95	0	9	9	9	0	e.	D. C. McColl.	
Dillon.	Marion.	100	8	78.2	-1.4	93	9†	60	17	28	2.51	-3.16	1.27	0	8	8	8	0	e.	A. E. Rowell.	
Edgefield.	Edgefield.										2.57		1.50	0	4	4	4	0	e.	T. L. Timmerman.	
Edisto.	Bamberg.	127	25								8.61	+5.28	2.53	0	10	10	10	0	w.	Nathan Jenkins.	
Effingham.	Florence.	106	20								1.60	-5.28	0.40	0	5	5	5	0	w.	H. B. McCall.	
Ferguson.	Berkeley.	51	4	81.8	+3.9	95	1	68	21	23	5.01	-2.56	1.42	0	9	9	9	0	w.	Joseph P. Simons.	
Florence.	Florence.	136	24	78.6	+1.4	96	1	61	18	27	3.89	-1.79	1.69	0	7	7	7	0	w.	H. K. Gilbert.	
Gaston Shoals.	Cherokee.										3.59		0.92	0	9	9	9	0	w.	Harry A. Parshall.	
Georgetown.	Georgetown.	12	19	79.0	-1.2	95	13	68	18	22	3.00	-4.03	1.00	0	6	4	27	0	w.	A. P. Hazard.	
Greenville.	Greenville.	989	20	76.8	-0.9	94	1	59	4	33	2.56	-3.91	0.66	0	12	21	2	8	w.	Spartan Goodlette.	
Greenwood.	Greenwood.	671	24	77.6	-1.1	95	1	61	17	27	4.77	-0.88	1.20	0	9	9	9	0	w.	M. M. Calhoun.	
Health Springs.	Lancaster.	568	11	76.8		96	1	59	18	31	0.76		0.50	0	4	11	12	8	w.	J. Marvin Bowers.	
Kingstree.	Williamsburg.	57	24	79.4	+0.7	96	12	60	18	29	2.96	-3.40	1.02	0	5	5	5	0	w.	A. O. Matthews.	
Liberty.	Pickens.	900	18	77.8	-0.2	93	28	60	24	27	3.96	-3.12	1.06	0	12	13	15	3	e.	John T. Boggs.	
Little Mountain.	Newberry.	711	19	79.1	+0.5	96	6	63	18	29	3.85	-1.75	3.65	0	2	27	0	4	w.	J. M. Sease, M. D.	
Meriwether.	Edgefield.	3									4.98		1.20	0	10	9	15	3	e.	William S. Middleton.	
Monetta.	Saluda.	1		78.6		95	13	60	19	34	4.85		2.48	0	9	13	13	3	e.	Joseph M. Johnson.	
Newberry.	Newberry.	502	8	78.8	-0.3	97	13	59	17	30	5.29	-0.38	1.90	0	14	3	20	8	s.	W. G. Peterson.	
Pelzer.	Anderson.	873	7								2.72		1.24	0	6	6	6	0	s.	J. M. Ward.	
St. George.	Dorchester.	109	24	80.0	-0.2	99	13	61	18	28	1.62	-4.98	0.80	0	5	5	5	0	s.	J. S. Wannamaker.	
St. Matthews.	Orangeburg.	269	24	79.6	+0.1	99	13	60	18	32	1.90	-4.03	0.80	0	4	4	4	0	s.	Mrs. F. V. J. Maxwell.	
Saluda.	Saluda.	530	10	79.0		104	5	65	17	40	6.18		2.20	0	9	9	24	4	sw.	E. W. Jeter.	
Santuck.	Union.	572	17	80.1	+2.0	103	19	60	17	37	4.26	-1.47	1.40	0	11	8	20	3	sw.	W. G. Walker.	
Smith's Mills.	Georgetown.	67									3.57		3.75	0	12	12	12	0	e.	T. Ellison Simpson.	
Society Hill.	Darlington.	75	15	77.6	-0.8	95	10	58	15	28	2.79	-3.38	0.73	0	7	19	10	2	n.	F. P. Robinson.	
Spartanburg.	Spartanburg.	875	21	77.8	-0.4	96	1	52	25	38	2.21	-4.42	0.86	0	8	8	8	0	w.	Miss E. H. Gadsden.	
Summerville.	Dorchester.	75	15	79.6	+0.5	97	1	61	18	35	6.21	-2.17	2.06	0	14	14	0	31	0	e.	W. H. Morrow.
Trenton.	Edgefield.	620	15	79.4	-0.4	96	3	62	9	30	5.24	-1.57	2.31	0	7	12	18	1	e.	Mrs. Mamie F. Wallace.	
Winnabow.	Fairfield.	545	22	77.4	-0.8	97	1	61	18	28	3.85	-2.19	2.00	0	4	15	15	1	e.	J. A. Chapman.	
Wintrop College.	YORK.	690	13	79.0	+0.5	99	4	60	17	33	1.80	-5.25	0.70	0	5	6	12	13	sw.	Mrs. Ada P. Mills.	
Yemassee.	Hampton.	24	17	78.8	-1.7	97	1	59	18	33	3.33	-3.45	1.72	0	7	7	7	0	e.	J. W. Seigler.	
<i>Georgia.</i>																					
Abbeville.	Wilcox.	180	10								4.97	-0.07	0.97	0	12	20	1	10	s.	W. H. Calhoun.	
Adairsville.	Bartow.	772	21	79.4	+1.6	97	1†	59	24†	28	3.33	-1.02	1.61	0	8	20	11	11	sw.	Mrs. R. C. Evans.	
Albany.	Dougherty.	223	26	81.2	-0.8	96	6	68	17†	24	3.87	-2.23	1.49	0	10	11	9	21	ne.	George C. Brosnan.	
Allapaha.	Berry.	283	28	80.0	-0.5	94	1†	63	19	30	4.78	-1.01	1.90	0	9	9	21	1	ne.	J. F. Rice.	
Americus.	Sunter.	362	28	79.4	-1.6	94	1	65	17†	27	4.38	-0.76	1.50	0	7	7	7	0	ne.	Joseph M. Bryan.	
Athens.	Clarke.	694	31	77.3	+0.1	96	1†	58	30	31	2.43	-1.79	1.30	0	7	29	2	0	ne.	C. D. Cox.	
Atlanta.	Fulton.	1,218	49	78.6	+1.4	93	11	65	24	23	2.53	-1.94	1.05	0	11	12	10	9	se.	U. S. Weather Bureau.	
Augusta.	Richmond.	180	67	79.8	-0.2	95	13	64	17	25	3.53	-1.82	1.64	0	9	6	16	9	se.	Do.	
Baldridge.	Decatur.	119	21	80.8	-0.5	97	14	62	17	33	3.86	-1.88	1.22	0	12	20	5	6	s.	W. H. Morrow.	
Butler.	Taylor.	650	12								4.12	-2.87	1.63	0	6	21	3	7	w.	Mrs. Mamie F. Wallace.	
Camak.	Warren.	613	21	79.8	+0.5	99	14	61	17	30	3.98	+0.99	1.50	0	9	6	7	2	w.	J. A. Chapman.	
Canton.	Cherokee.	894	22								3.80	-2.10	1.68	0	7	17	12	1	w.	Mrs. Ada P. Mills.	
Carlton.	Madison.	557	14								3.80	-2.14	1.68	0	7	23	1	7	w.	M. C. Power.	
Clayton.	Rabun.	2,100	19	73.8	-0.8	90	7†	59	27†	30	3.35	-3.94	1.00	0	7	15	9	5	e.	A. J. Duncan.	
Columbus.	Muscogee.	262	25	82.4	+1.6	97	5	67	17†	28	3.01	-2.00	2.11	0	5	25	1	5	e.	A. C. Smith.	
Concord.	Pike.	850	25	78.5		93	5	64	17	25	2.92		1.31	0	8	26	5	14	e.	Mrs. Sarah E. Cruse.	
Covington.	Newton.	800	21								4.35		1.18	0	10	13	4	14	e.	Prof. B. P. Gaffillard.	
Dahlonega.	Lumpkin.	1,519	21	75.8	+1.1	94	7	57	31	32	3.87	-2.43	0.89	0	14	9	20	4	e.	Robert A. Kinney.	
Diamond.	Gilmer.	452	19	80.5		98	13†	61	18†	35	3.66	-1.52	1.02	0	10	17</td					

TABLE 1.—Climatological data for August, 1913. District No. 2—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
Georgia—Continued.																			
Montezuma.	Macon.	292	8	79.5	+ 0.3	95	17	61	17	2.82	- 2.50	1.30	0	7	20	0	11	ne.	J. C. Collins.
Monticello.	Jasper.	800	18	79.5	+ 0.8	97	5	61	17	2.72	- 1.81	1.17	0	10	30	1	0	s.	Miss Maude C. Penn.
Newnan.	Coweta.	959	24	79.2	+ 0.8	97	5	61	17	3.74	- 1.81	1.05	0	10	21	4	6	s.	Mrs. Ida J. Milner.
Norcross.	Gwinnett.	1,078	3	76.5	- 1.5	91	17	61	17	2.84	- 2.02	0.88	0	7	25	2	4	sw.	W. O. Medlock.
Point Peter.	Oglethorpe.	600	23	81.1	+ 1.0	96	37	64	19	2.68	+ 0.29	0.74	0	9	12	17	0	se.	C. M. Witcher.
Poulan.	Worth.	365	23	79.4	- 1.6	92	7	61	18	2.90	- 1.43	0.83	0	11	14	17	0	se.	C. T. Merritt.
Putnam.	Marion.	13	79.4	79.4	- 0.1	97	10	54	31	3.18	- 2.56	0.65	0	6	13	14	4	s.	Miss Mildred Collum.
Quitman.	Brooks.	173	27	79.8	- 1.1	93	14	67	11	2.30	- 0.11	1.48	0	11	26	2	3	ne.	A. B. Jones.
Ramhurst.	Murray.	900	20	77.0	+ 0.1	97	10	54	31	3.18	- 2.38	0.84	0	9	13	13	0	sw.	D. E. Humphreys.
Resaca.	Gordon.	657	19	79.7	+ 1.9	100	57	60	24	3.28	- 0.60	2.10	0	5	23	6	4	s.	D. A. Norton.
Rome.	Floyd.	576	54	80.7	+ 1.9	100	57	60	24	3.33	- 0.60	3.50	0	12	11	12	8	se.	W. M. Towers.
St. George.	Charlton.	50	60	79.2	- 0.5	95	13	64	16	2.84	- 2.70	1.94	0	11	3	17	11	sw.	A. N. Lund.
Savannah.	Chatham.	65	62	80.2	- 0.5	95	2	69	18	2.52	- 2.70	1.94	0	11	15	16	0	s.	U. S. Weather Bureau.
Statesboro.	Bulloch.	253	13	81.4	- 0.0	100	17	66	18	6.40	+ 0.32	1.60	0	11	21	5	14	se.	W. C. Cromley.
Talbotton.	Talbot.	750	19	81.0	+ 2.0	98	13	62	17	3.65	- 4.18	0.50	0	7	22	0	9	e.	Dr. E. L. Bardwell.
Tallapoosa.	Haralson.	1,150	14	77.2	- 0.7	94	47	60	24	3.00	- 2.64	0.80	0	8	10	14	7	se.	C. C. Sigman.
Thomasville.	Thomas.	273	31	80.0	- 0.8	95	14	66	11	4.39	- 1.87	1.37	0	14	9	15	7	se.	U. S. Weather Bureau.
Toccoa.	Stephens.	1,050	27	76.2	0.0	91	13	64	97	4.18	- 2.45	0.92	0	10	24	0	7	w.	J. A. Creasy.
Valdosta.	Lowndes.	220	8	80.5	- 0.7	97	5	65	11	11.55	- 2.50	4.50	0	12	24	0	7	w.	Miss Annie Twitty.
Valona.	Coast.	10	15	80.0	- 0.7	94	57	68	26	4.79	- 2.56	3.12	0	5	19	0	12	se.	George E. Atwood.
Washington.	Wilkes.	630	22	78.0	- 1.1	94	1	64	18	2.41	- 0.83	2.05	0	11	21	5	5	ne.	Miss Ella B. Smith.
Waycross.	Ware.	131	24	80.8	- 0.8	95	27	67	11	2.74	+ 1.56	2.92	0	13	17	12	2	n.	Dr. J. F. Wilson.
Waynesboro.	Burke.	86	21	82.1	- 0.2	95	5	68	18	4.43	- 1.23	1.78	0	5	21	4	6	w.	Mrs. H. W. Blount.
West Point.	Troup.	620	23	80.0	- 0.2	97	5	61	25	2.55	- 1.76	2.31	0	4	17	8	6	sw.	E. N. Dunn.
Woodbury.	Meriwether.	641	12	.....	.....	.....	.....	.....	.....	1.61	- 3.48	0.81	0	4	22	7	2	.....	E. T. Riggins.
Florida.																			
Apalachicola.	Franklin.	24	8	81.8	.....	94	14	70	20	9.01	.....	3.96	0	15	16	10	5	ne.	A. F. Whiteside.
Arcadia.	De Soto.	61	12	80.4	- 1.3	95	15	69	12	13.07	+ 3.49	2.57	0	26	3	26	2	s.	C. S. Bushnell.
Archer.	Alachua.	92	28	80.4	- 0.8	96	8	70	11	9.92	+ 1.36	2.50	0	14	29	5	19	e.	B. B. Hodgson.
Avon Park.	De Soto.	150	14	80.0	- 1.8	94	12	69	17	6.34	- 1.21	1.36	0	18	0	16	15	se.	William King.
Bartow.	Polk.	115	25	79.6	- 1.9	94	13	66	22	8.12	+ 0.28	2.10	0	15	5	14	12	se.	William Hood.
Bassenger.	Osceola.	10	29	80.5	- 0.8	94	27	69	13	8.99	- 0.66	1.50	0	15	1	22	6	.....	L. N. Kline.
Bradenton.	Manatee.	10	29	80.4	- 0.8	94	12	68	30	16.09	+ 6.84	4.55	0	19	13	9	9	sw.	F. H. Braymer.
Bristol.	Liberty.	.....	.....	.....	.....	.....	.....	.....	.....	3.89	- 0.82	0.82	0	11	12	15	4	w.	J. N. Harrell.
Brocksville.	Hernando.	126	20	80.8	0.0	94	19	70	8	5.90	- 2.65	1.85	0	10	10	10	5	se.	C. C. Peck.
Carrabelle.	Franklin.	10	14	80.8	- 0.5	96	13	67	12	11.40	+ 3.97	7.20	0	10	10	10	5	.....	J. J. Blomquist.
Cedar Key.	Cedar Key.	10	24	81.0	- 0.6	92	4	70	9	9.24	+ 0.99	3.00	0	13	1	30	0	sw.	S. T. White.
Clermont.	Lake.	105	19	82.8	+ 0.1	98	13	70	31	5.46	- 2.55	1.50	0	11	1	22	6	se.	S. S. Fesler.
Crescent City.	Putnam.	15	32	82.5	+ 0.5	97	14	69	29	24	- 0.66	1.61	0	18	3	22	6	.....	Walter Cliff.
DeFuniak Springs.	Walton.	193	14	80.9	+ 0.3	96	57	67	30	6.63	- 3.32	1.18	0	19	10	21	0	e.	W. O. H. Shepard.
De Land.	Volusia.	27	16	80.4	+ 0.1	97	13	66	19	6.38	- 2.65	0.97	0	16	20	2	sw.	A. C. Haynes.	
Eustis.	Lake.	56	22	83.4	+ 0.2	98	12	68	29	5.66	- 1.23	2.40	0	13	20	6	5	sw.	C. T. Smith.
Federal Point.	Putnam.	10	21	80.8	- 0.2	98	12	67	17	30.96	- 1.34	2.04	0	18	8	21	2	se.	E. S. Hubbard.
Fenneway.	Taylor.	75	6	80.4	- 0.7	95	13	66	11	26.92	- 1.21	3.00	0	11	28	3	3	sw.	Joseph Wiglesworth.
Fernandina.	Nassau.	10	20	82.0	+ 1.3	97	27	70	25	4.71	- 1.31	1.15	0	12	9	8	14	se.	T. C. Borden.
Fort Lauderdale.	Dade.	10	1	81.7	- 0.4	94	17	69	25	5.69	- 0.95	0.95	0	15	12	15	4	se.	W. M. Heine.
Fort Meade.	Polk.	125	23	81.0	- 0.1	97	17	65	3	3.29	- 2.18	1.80	0	9	17	8	6	ne.	G. L. Broderick.
Fort Myers.	Lee.	12	40	80.0	- 1.1	91	87	70	12	14.36	+ 5.17	7.47	0	18	15	13	3	ne.	W. F. Gwynne.
Fort Pierce.	St. Lucie.	10	40	80.8	+ 0.2	95	3	68	64	4.69	- 1.74	2.43	0	10	16	8	7	se.	T. C. Nicholson.
Gainesville.	Alachua.	176	17	80.8	- 1.9	93	14	68	11	23.93	+ 1.00	1.99	0	17	6	19	6	se.	John Schnabel.
Garners.	Walton.	22	1	81.4	- 0.7	97	37	68	11	13.04	- 2.71	3.50	0	17	1	16	4	se.	U. S. Forest Service.
Grasmero.	Orange.	175	15	79.8	- 1.9	94	127	66	29	2.57	- 2.71	0.88	0	18	23	6	2	.....	J. B. Scott.
Griffith.	Dade.	78.6	.....	95	14	65	30	72	27	2.40	- 2.71	0.88	0	12	6	16	9	e.	T. M. Griffin.
Hilliard.	Nassau.	69	4	79.8	.....	95	87	65	11	6.25	- 1.33	0.62	0	18	2	22	7	se.	B. A. Tibbets.
Homestead.	Dade.	12	3	81.0	.....	93	27	68	24	6.72	- 2.32	1.54	0	10	16	5	5	se.	J. A. Kahl.
Hypoluxo.	Palm Beach.	9	17	81.3	+ 0.4	96	27	68	7	7.39	+ 2.32	1.58	0	17	10	28	3	se.	G. A. Angevine.
Inverness.	Citrus.	43	13	80.6	- 0.2	93	20	70	11	6.77	- 1.18	3.00	0	11	0	28	3	se.	W. H. Miller.
Jacksonville.	Duval.	108	42	80.8	+ 0.7	94	14	70	29	3.32	- 2.88	0.80	0	16	9	15	7	ne.	U. S. Weather Bureau.
Jasper.	Hamilton.	152	13	79.5	- 1.5	94	37	65	11	7.54	+ 0.94	1.86	0	10	4	15	12	w.	Mrs. W. C. Caldwell.
Johnstown.	Bradford.	125	13	80.0	- 1.8	94	17	69	11	2.90	- 0.54	0.74	0	13	11	17	3	se.	A. M. C. Brasch.
Kew West.	Monroe.	14	42	82.0	- 1.8	90	2	68	6	4.18	- 0.51	1.24	0	13	12	12	7	se.	U. S. Weather Bureau.
Kissimmee.	Osceola.	65	20	81.3	- 0.9	97	127	65	11	6.16	- 1.15	1.97	0	13	4	20	7	se.	J. A. Simpson.
Lake City.	Columbia.	210	28	80.0	- 1.0	94	37	66	11	25.62	+ 0.22	1.37	0	13	6	10	15	se.	W. B. Knight.
Live Oak.	109	13	80.6	.....	94	14	66	11	26.16	- 1.17	2.00	0	21	9	2	2	se.	Rev. J. A. Montgomery.	
Lucerne Park.	Polk.	1	81.0	.....	94	14	64	7	5.08	- 0.60	1.10	0	14	0	29	2	se.	L. D. Niles.	
Maccleeny.	Baker.	125	16	79.8	- 2.0	96</													

TABLE 1.—Climatological data for August, 1913. District No. 2—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<i>Alabama.</i>																					
Alaga.	Houston.	105	28	79.0	+ 2.6	95	5	57	25	33	5.17	- 2.17	2.12	0	7	10	19	12	0	sw.	James L. Willis.
Anniston.	Calhoun.	728	22	79.0	+ 2.6	95	5	57	25	33	2.31	- 0.76	0	10	12	18	4	3	se.	U. S. Weather Bureau.	
Ashville.	St. Clair.	685	20	78.6	- 1.0	97	19	56	25	33	3.58	- 0.42	1.44	0	6	24	4	3	sw.	A. L. Cather.	
Auburn.	Lee.	732	31	79.8	+ 1.0	94	20	64	25	25	3.03	- 1.80	1.60	0	7	13	8	10	sw.	Dr. James T. Anderson.	
Benton.	Lowndes.	149	12	80.6	+ 0.9	96	5†	61	25	34	0.91	- 3.77	0.44	0	3	10	19	12	0	sw.	S. T. Pruitt.
Bermuda.	Conecuh.	26	80.6	+ 0.9	96	5†	61	25	34	2.43	- 2.91	1.05	0	10	19	12	0	sw.	M. J. Morris.		
Birmingham.	Jefferson.	701	5	80.2	+ 1.5	96	5	60	24	30	1.01	- 3.47	0.33	0	7	14	17	17	n.	U. S. Weather Bureau.	
Calera.	Shelby.	500	12	77.6	- 2.1	95	7	60	24	32	1.17	- 3.18	0.52	0	4	4	3	27	s.	L. G. Privett.	
Camp Hill.	Tallapoosa.	738	12	81.6	+ 1.1	96	5	68	29	26	2.46	- 3.74	0.99	0	15	17	12	2	e.	Dr. Lyman Ward.	
Citronelle.	Mobile.	331	25	81.6	+ 1.1	96	5	68	29	33	3.13	- 0.63	2.00	0	5	20	0	8	s.	Rev. W. H. Rowe.	
Clanton.	Chilton.	590	20	79.8	+ 0.4	96	5†	57	25	33	0.20	- 0.20	0.20	0	1	1	1	1	sw.	Joseph B. Downs.	
Cochrane.	Pickens.	100	3	80.9	+ 1.9	99	5	55	24	35	1.58	- 3.06	1.10	0	4	23	0	8	se.	T. H. G. Cook.	
Cordova.	Walker.	334	22	80.9	+ 1.9	99	5	55	24	35	1.72	- 3.37	3.22	0	6	6	5	5	se.	Scott Maxwell.	
Cullman.	Cullman.	802	5	80.6	+ 0.4	96	5†	57	25	33	0.20	- 0.20	0.66	0	5	20	0	8	se.	Eugene A. Grayot.	
Dadeville.	Tallapoosa.	760	8	80.6	+ 0.6	95	4†	67	25	26†	4.43	- 4.55	0.75	0	11	22	4	5	ne.	Dr. W. B. Fulton.	
Daphne.	Baldwin.	22	80.8	- 0.6	95	4†	67	25	26†	0.33	- 3.52	0.30	0	2	9	24	3	4	se.	John H. Young.	
Demopolis.	Marengo.	21	76.6	- 1.7	95	5	69	4†	26	4.06	- 2.66	0	0	2	9	24	3	4	se.	George E. Pegram.	
Dothan.	Houston.	1	76.6	- 2.0	94	14	61	17	27	2.22	- 3.11	0.72	0	9	9	9	9	sw.	L. G. Biggers.		
Eufaula.	Barbour.	200	29	77.9	+ 3.0	102	19†	61	25	40	1.16	- 3.72	0.42	0	6	6	6	6	sw.	Dr. J. B. Whitlock.	
Evergreen.	Conecuh.	285	29	83.2	+ 3.0	97	3	69	23	23	1.50	- 2.58	1.50	0	1	1	1	1	sw.	George W. Salter.	
Fort Deposit.	Lowndes.	520	29	82.6	+ 2.5	97	3	60	25	33	5.27	+ 1.18	1.62	0	6	6	6	6	sw.	J. F. Hattemer.	
Gadsden.	Etowah.	621	29	81.6	+ 2.6	100	5	60	25	33	5.27	+ 1.18	1.62	0	6	6	6	6	sw.	D. P. Goodhue.	
Goat Rock.	Lee.	22	80.8	- 0.6	95	4†	67	25	26†	0.33	- 3.52	0.30	0	2	9	24	3	4	se.	B. B. Hamby.	
Goodwater.	Coosa.	826	18	78.4	- 1.7	95	5	60	25	31	2.62	- 2.58	1.40	0	7	7	7	7	sw.	Miss Daisy Buice.	
Greensboro.	Hale.	220	34	81.0	+ 1.4	95	5	65	24	24	2.87	- 1.77	0.97	0	4	26	1	4	s.	W. E. W. Yerby.	
Greenville.	Butler.	444	12	80.3	+ 0.5	101	10†	54	25	42†	1.46	- 2.28	1.08	0	3	3	3	3	sw.	E. M. Lewis.	
Hamilton.	Marion.	17	80.3*	+ 0.5	101	10†	54	25	42†	3.55	- 3.55	1.45	0	7	7	7	7	sw.	Prof. H. O. Sargent.		
Healing Springs.	Washington.	362	1	80.3*	+ 0.5	101	10†	54	25	42†	1.46	- 2.28	1.08	0	5	19	12	0	sw.	James E. Lipscomb.	
Highland Home.	Crenshaw.	21	81.0	+ 1.4	94	13†	67	4	25	2.38	- 2.38	1.09	0	5	19	12	0	sw.	Prof. Sammel Jordan.		
Livingston.	Sumter.	160	29	78.0	- 1.5	97	2	56	25	30	3.00	- 3.52	0.30	0	1	27	3	1	e.	Roberts L. King.	
Lock No. 4.	Talladega.	510	16	80.0	+ 0.3	96	5†	63	4	30	3.70	- 0.43	1.37	0	3	12	9	0	sw.	U. S. Engineers.	
Maple Grove.	Cherokee.	20	81.1	+ 2.1	100	5†	57	23	35	4.75	+ 0.55	2.04	0	6	12	19	0	ne.	Mrs. A. L. Awbrey.		
Mentone.	De Kalb.	1,595	6	79.6	- 1.1	95	5†	59	24	29†	1.84	- 2.63	1.37	0	3	4	16	11	sw.	E. Mason.	
Millstead.	Macon.	10	82.4	+ 2.7	97	5	70	25	22	5.61	- 1.20	2.21	0	12	12	17	2	sw.	W. U. Wall.		
Mobile.	Mobile.	84	41	82.4	+ 2.3	98	5	65	25	28	0.63	- 3.61	0.20	0	7	18	13	0	sw.	U. S. Weather Bureau.	
Montgomery.	Montgomery.	240	41	82.0	+ 2.3	98	5	65	24†	35	3.03	- 1.34	2.12	0	4	11	19	1	sw.	Dr. J. Huggins.	
Newbern.	Hale.	21	83.2	+ 1.6	102	5†	61	24†	37	3.03	- 2.94	0.66	0	9	17	4	10	s.	Aquila J. Ketchum.		
Ocoee.	Blount.	857	19	79.3	+ 1.6	99	19	54	25	37	3.03	- 2.94	0.66	0	1	1	1	1	sw.	A. H. Read, Jr.	
Opelika.	Lee.	917	34	76.4	+ 0.2	92	10	63	25	35	3.15	- 1.35	1.41	0	8	8	8	8	sw.	James A. Scott.	
Ozark.	Dale.	400	11	81.9	- 0.1	95	2†	64	20	29	0.90	- 0.90	0.90	0	1	1	1	1	sw.	Joseph B. Bell.	
Prattville.	Autauga.	281	13	80.1	- 0.1	96	5	59	25	32	1.52	- 0.82	0.82	0	3	23	8	0	sw.	W. N. Horn.	
Pushmataha.	Choctaw.	22	79.6	- 1.1	95	5†	59	24	29†	1.84	- 2.63	1.37	0	3	4	16	11	sw.	Carl Bosack.		
Robertsdale.	Baldwin.	148	1	82.4	+ 1.4	100	5	61	26	32	2.17	- 2.21	1.63	0	12	12	17	2	sw.	Charles F. Brisbin.	
Salina.	Dallas.	147	33	82.4	+ 1.4	100	5	61	26	32	2.17	- 2.21	2.13	0	10	10	10	10	sw.	Spring Hill College.	
Spring Hill.	Mobile.	312	9	81.2	- 1.4	98	5	68	11†	26†	7.27	- 7.27	0.90	0	6	16	10	5	sw.	W. E. Henkal.	
Talladega.	Talladega.	554	23	80.0	+ 0.4	97	5†	59	25	32	3.87	- 0.91	1.30	0	6	16	10	5	sw.	P. A. Noble.	
Tallasseee.	Elmore.	22	80.6	- 1.4	95	5†	59	25	32	3.87	- 0.91	1.30	0	6	16	10	5	sw.	Miss H. T. Forster.		
Thomasville.	Clarke.	385	22	81.5	+ 0.8	98	5	64	25	30	1.69	- 3.16	0.90	0	3	1	30	0	sw.	Frank L. Zimmermann.	
Troy.	Pike.	581	5	82.1	- 1.5	97	5	67	17	27	1.23	- 0.43	0.43	0	1	1	1	1	sw.	W. S. Wyman, Jr.	
Tuscaloosa.	Tuscaloosa.	230	32	83.3	+ 2.6	102	15	60	25	35	1.79	- 2.03	0.57	0	5	26	1	0	sw.	Prof. George W. Carver.	
Tuskegee.	Macon.	13	82.1	+ 0.3	100	5	62	17	34	1.48	- 1.51	1.01	0	3	4	26	1	sw.	Prof. George W. Carver.		
Union Springs.	Bullock.	216	28	81.2	+ 0.5	96	1	61	17†	28	3.55	- 3.57	0.30	0	6	16	10	5	sw.	P. L. Cowan.	
Valley Head.	De Kalb.	1,031	28	79.4	+ 3.2	101	7	53	24	36†	1.40	- 3.35	0.55	0	5	25	6	0	sw.	M. T. Floyd, M. D.	
Wetumpka.	Elmore.	205	21	82.2	+ 0.8	100	5†	59	25	40	2.26	- 2.36	1.09	0	5	5	5	5	sw.	Mrs. Emmie Callaway.	
<i>Mississippi.</i>																					
Aberdeen.	Monroe.	210	25	82.2	+ 2.8	102	6	58	25	38	1.06	- 2.87	0.45	0	3	25	2	4	s.	L. D. Godfrey, Jr.	
Agricultural College.	Oktibbeha.	424	23	83.0	+ 2.5	100	6†	61	25†	36	2.09	- 1.96	1.05	0	6	22	9	0	sw.	J. R. Ricks.	
Bay St. Louis.	Hancock.	28	20	81.6	0.0	96	4	67	25	26	7.01	- 0.08	2.02	0	11	25	5	4	sw.	Brother Matthew.	
Bay Springs.	Jasper.	406	22	82.6	+ 0.9	95	5	68	25	35	1.39	- 1.39	0.70	0	2	27	3	1	sw.	O. P. Foley.	
Biloxi.	Harrison.	24	22	82.6	+ 0.9	95	5	68	25	35	4.28	- 2.55	0.96	0	10	18	10	3	sw.	Miss M. Josie Pope.	
Booneville.	Prentiss.	504	19	80.3	+ 1.1	98	15	56	25	35	1.75	- 2.39	0.45	0	4	19	12	0	sw.	Dr. D. T. Price.	
Brookhaven.	Lincoln.	500	25	81.2	0.0	98	6	61	26	30	5.27	- 2.71	1.32	0	9	20	7	4	sw.	W. J. Bee.	
Collins.	Covington.	110	9	81.2	- 1.4	104	6	59	25	37	1.93	- 2.38	1.83	0	9	25	2	4	sw.	G. P. Sledge.	
Columbia.	Marion.	191	25	82.8	+ 1.4	100	6†	60	25	37	1.93	- 2.38	1.83	0	9	25	3	3	sw.	N. R. Drummond.	
Columbus.	Lowndes.	468	21																		

TABLE 2.—*Daily precipitation for August, 1913.* District No. 2, South Atlantic and East Gulf States.

TABLE 2.—*Daily precipitation for August, 1913.* · District No. 2—Continued.

TABLE 2.—*Daily precipitation for August, 1913. District No. 2—Continued.*

TABLE 2.—*Daily precipitation for August, 1913. District No. 2—Continued.*

* Precipitation included in that of the next measurement.

Separate dates of falls not recorded.

Precipitation for the 24 hours ending on the morning when it is measured.
1. Precipitation is less than 0.01 inch rain or melted snow.

1. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures at selected stations for August, 1913. District No. 2, South Atlantic and East Gulf States.

Date.	Virginia.										North Carolina.																	
	Callaville.		Hot Springs.		Lynchburg.		Norfolk.		Richmond.		Charlotte.		Edenton.		Fayetteville.		Hatteras.		Newbern.		Raleigh.		Reidsville.		Salisbury.		Wilmington.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	93	73	86	65	95	72	89	76	93	74	98	73	91	69	94	72	85	75	94	71	92	73	97	70	97	72	92	72
2....	90	68	82	64	93	71	82	71	89	68	94	71	88	70	90	72	88	73	92	72	91	71	92	70	91	76	88	75
3....	90	65	80	62	90	67	86	72	90	67	94	68	87	69	86	70	85	74	84	72	73	86	67	87	69	84	73	
4....	92	66	81	56	93	60	90	65	93	70	94	68	93	68	94	68	85	75	92	70	90	71	92	69	86	66	88	70
5....	86	65	76	54	82	68	81	70	84	68	98	66	87	74	89	67	86	74	91	71	85	65	85	67	85	70	89	68
6....	89	65	78	50	83	65	87	74	87	67	93	66	95	75	90	68	85	75	91	68	87	65	87	63	87	64	86	68
7....	89	73	76	56	82	67	83	70	79	68	88	65	85	72	88	70	86	71	94	73	88	65	85	71	88	66	88	70
8....	94	67	76	56	84	66	82	72	86	66	88	67	89	69	88	69	84	73	87	71	86	69	89	69	88	68	88	70
9....	94	65	85	58	92	68	88	73	90	68	91	71	92	67	93	70	88	75	92	71	94	68	94	67	93	72	92	72
10....	97	64	83	62	96	72	93	73	94	68	95	68	95	70	94	69	86	79	93	72	95	68	93	66	93	66	93	76
11....	90	71	85	62	85	68	83	71	81	70	94	72	90	75	95	73	88	73	95	73	93	69	94	71	96	76	91	70
12....	75	64	76	54	68	61	71	64	70	61	90	68	80	62	89	70	79	73	86	71	79	74	87	65	94	71	86	70
13....	78	65	82	55	75	61	78	66	75	64	88	68	82	68	84	69	82	72	86	71	78	67	86	66	85	74	84	72
14....	82	70	80	64	79	69	78	70	80	67	84	70	84	62	85	73	80	73	87	72	80	69	85	68	84	72	83	68
15....	83	59	75	50	79	65	76	69	80	64	81	70	82	64	84	66	82	73	85	71	81	66	82	67	84	68	82	68
16....	86	52	79	53	83	60	80	60	88	59	86	63	85	68	86	60	80	72	88	64	83	61	86	60	87	61	81	64
17....	91	54	85	65	89	61	83	63	89	60	87	64	88	70	85	59	80	71	85	59	87	65	90	60	85	61	84	64
18....	93	59	74	55	90	67	83	67	88	65	90	67	90	63	90	60	88	84	91	63	88	66	91	64	88	63	83	64
19....	83	65	76	62	83	68	82	69	88	69	93	68	90	66	93	68	88	83	92	69	86	69	92	67	85	67	83	68
20....	78	68	74	54	74	66	76	69	79	64	76	68	88	70	87	72	83	75	90	71	83	66	77	67	80	67	83	68
21....	82	54	79	60	78	61	78	67	78	59	76	64	85	68	82	62	79	72	86	63	80	79	58	81	63	81	65	
22....	81	55	76	53	69	63	72	55	65	57	75	66	85	68	85	62	81	75	70	90	63	81	74	58	83	64	81	70
23....	86	70	76	52	85	66	78	68	80	69	77	68	85	75	86	75	78	69	81	71	74	66	80	66	80	64	80	71
24....	83	67	75	53	83	68	81	68	84	68	84	69	86	70	88	69	81	71	89	69	85	67	86	67	83	67	83	70
25....	85	60	76	51	82	62	77	69	82	64	85	64	84	68	87	68	80	73	87	68	84	66	87	60	87	60	84	70
26....	87	59	81	55	85	61	83	65	86	62	87	67	88	72	89	67	80	72	88	66	86	67	86	62	87	62	81	70
27....	92	67	81	58	91	67	87	69	91	69	98	71	98	72	90	72	89	70	87	70	88	69	92	67	90	64	81	71
28....	94	64	82	57	89	65	91	70	90	68	90	67	92	78	92	69	93	75	94	69	91	68	92	67	93	71	92	71
29....	91	68	78	62	87	68	85	72	88	66	89	66	88	72	89	70	88	76	88	70	87	67	90	67	83	67	83	72
30....	88	64	76	55	87	64	83	70	85	66	84	66	86	75	87	68	88	79	89	69	85	65	87	65	84	69	84	69
31....	90	60	79	51	89	60	83	72	88	65	87	66	88	75	91	69	89	71	91	68	86	66	87	60	89	61	82	65
Mins..	87.3	64.1	78.9	57.2	84.5	65.7	82.5	69.3	84.5	66.0	86.5	67.8	87.9	70.2	88.7	67.8	82.5	72.6	89.3	68.3	85.4	67.7	86.4	65.7	88.2	65.7	85.1	69.6

Date.	South Carolina.										Georgia.																	
	Charleston.		Columbia.		Conway.		Ferguson.		Georgetown.		Greenville.		Newberry.		Society Hill.		Albany.		Atlanta.		Augusta.		Dahlonega.		Macon.		Rome.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	93	77	96	70	93	72	95	72	91	74	94	71	96	70	90	69	94	71	76	70	95	70	90	70	95	71	98	73
2....	93	75	93	71	91	75	91	78	92	74	90	67	95	70	91	67	93	73	87	68	91	71	92	65	92	71	94	70
3....	86	73	86	71	90	70	88	71	91	72	89	66	90	70	90	66	92	73	86	65	92	62	94	66	95	70		
4....	85	71	88	68	89	66	91	77	92	73	92	59	93	66	94	65	93	73	90	74	91	63	93	71	96	65		
5....	86	75	91	72	90	69	90	73	91	74	90	67	93	68	88	64	94	72	92	73	90	62	92	72	100	67		
6....	85	74	90	68	88	63	93	72	92	72	83	67	89	69	94	67	96	74	89	68	92	62	97	60	97	70		
7....	93	76	92	71	92	70	90	72	91	71	88	68	94	71	92	69	94	74	91	68	95	69	90	67	94	67		
8....	91	74	90	67	91	69	92	73	91	72	87	64	90	66	92	69	95	72	97	67	98	64	90	66	94	67		
9....	89	78	90	70	92	70	93	76	91	74	88	67	94	68	92	71	94	71	90	70	97	69	90	67	91	68		
10....	89	76	90	72	90	69	93	73																				

TABLE 3.—Maximum and minimum temperatures at selected stations for August, 1913. District No. 2—Continued.

Date.	Georgia.								Florida.																			
	Savannah.		Thomasville.		Waycross.		West Point.		Avon Park.		Fort Myers.		Jacksonville.		Key West.		Marianna.		Miami.		Orange City.		Orlando.		Pensacola.		Tallahassee.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	95	75	86	74	92	74	93	72	91	71	90	74	90	74	89	78	90	75	89	73	95	70	92	74	89	78	90	74
2....	95	73	89	73	95	74	88	69	92	73	89	74	91	74	90	78	92	74	89	74	92	70	90	75	90	75	95	71
3....	90	71	89	72	92	73	92	71	85	73	87	74	92	74	89	78	95	72	89	74	93	71	90	74	94	75	91	70
4....	88	70	91	70	92	69	89	69	85	72	89	74	89	74	89	80	95	72	89	76	87	73	85	74	94	74	92	70
5....	89	74	92	71	94	74	97	70	87	74	84	73	89	74	88	74	96	71	89	80	84	70	90	73	96	76	92	72
6....	92	76	88	73	95	72	92	73	85	73	78	73	91	72	89	68	97	71	88	70	92	70	89	72	86	81	91	74
7....	93	72	92	72	95	72	93	72	84	71	87	74	91	73	88	76	96	70	87	72	92	68	90	71	86	78	93	72
8....	92	73	92	71	94	72	92	70	92	71	91	74	92	74	88	80	95	74	89	79	94	70	92	73	84	72	92	71
9....	92	71	94	72	93	72	92	69	91	72	90	74	89	74	88	80	93	69	89	81	89	68	88	74	87	79	95	73
10....	91	71	90	69	91	69	95	70	82	70	85	71	88	72	87	72	95	69	88	92	68	90	74	88	73	94	72	
11....	92	72	91	66	91	67	92	70	85	71	85	71	89	71	81	74	94	69	87	75	90	70	88	71	87	72	91	67
12....	94	74	92	68	92	69	94	71	90	70	92	72	87	77	95	73	89	80	95	69	90	73	86	78	91	70	95	70
13....	95	74	94	70	94	72	95	75	93	71	90	72	94	75	87	78	95	74	89	89	92	69	92	72	88	77	95	71
14....	94	76	95	72	95	74	94	74	92	75	89	75	94	72	89	79	90	73	88	72	95	71	92	76	87	77	95	71
15....	83	73	90	72	86	71	89	72	90	73	91	76	87	71	87	81	93	67	91	73	96	68	93	76	89	70	94	73
16....	84	70	88	68	87	71	87	73	85	75	87	74	84	73	85	79	95	70	87	71	82	71	85	75	89	72	90	72
17....	84	70	90	66	90	69	89	63	88	69	87	74	85	73	88	78	95	67	86	74	87	70	88	73	85	76	92	67
18....	86	69	90	68	90	67	91	65	90	73	90	75	87	74	88	72	96	70	86	75	89	73	88	75	93	70	92	69
19....	87	71	91	67	92	68	92	65	89	72	91	74	87	71	87	78	94	71	86	75	90	68	89	74	87	72	92	69
20....	87	70	92	69	91	68	92	67	88	73	90	73	88	72	87	78	94	70	88	76	94	69	90	73	88	75	93	70
21....	82	71	89	72	87	72	85	71	90	71	86	73	85	74	89	78	91	72	88	73	88	69	88	74	87	76	91	71
22....	84	71	90	70	90	78	88	68	72	73	85	72	85	72	85	72	92	72	80	73	88	67	87	70	87	73	93	70
23....	88	71	93	70	92	67	89	69	91	73	83	70	90	72	84	71	88	71	90	79	87	70	90	72	87	73	95	71
24....	88	73	92	72	89	73	90	67	77	72	77	71	88	74	86	73	91	72	87	73	90	71	88	76	87	72	94	72
25....	88	71	90	70	89	69	91	61	79	70	85	72	87	72	87	75	91	71	88	72	91	69	87	74	88	72	90	71
26....	82	72	77	70	84	69	87	66	88	71	87	72	82	72	88	78	96	72	89	80	92	70	91	72	88	75	96	70
27....	82	72	89	71	88	70	91	71	89	69	87	73	90	75	88	78	98	70	88	80	90	69	91	73	88	75	99	70
28....	83	70	92	68	86	72	93	69	89	68	88	72	90	73	88	77	90	69	88	81	88	68	87	71	88	75	91	69
29....	87	70	86	67	88	67	88	69	90	72	87	74	90	70	87	78	91	69	89	80	90	68	89	75	88	76	93	67
30....	89	72	89	68	91	69	80	66	82	72	89	72	90	73	88	77	94	70	87	80	88	68	89	71	85	76	96	68
31....	87	71	91	68	92	69	91	70	91	74	89	73	90	73	88	80	94	69	88	79	93	68	85	70	88	78	98	68
Mns.	88.5	71.8	90.1	69.9	90.9	70.7	90.6	69.3	88.1	71.9	86.8	73.2	88.6	72.9	87.4	78.7	93.3	70.8	87.5	75.8	90.4	69.3	89.2	72.8	87.4	75.2	90.9	70.5

Date.	Alabama.														Mississippi.															
	Tampa, Fla.		Anniston.		Bermuda.		Birmingham.		Eufaula.		Mobile.		Montgomery.		Newbern.		Tuscaloosa.		Bay St. Louis.		Colum- bus.		Hatties- burg.		Jackson.					
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1....	88	75	94*	70	94	73	92	71	91	71	90	75	93	74	97	73	98	72	92	74	97	70	92	70	95	74	92	74	94	74
2....	88	76	87	70	91	72	89	71	87	69	93	76	90	72	91	73	91	72	93	75	92	72	94	71	92	72	95	72	92	72
3....	81	72	91	66	91	73	91	71	91	70	93	75	94	75	97	72	95	74	95	73	92	70	94	69	90	67	92	74	90	72
4....	79	73	93	62	92	65	95	65	88	66	93	73	92	72	91	65	98	68	96	98	97	67	93	67	94	68	96	69	93	69
5....	85	74	95	66	96	69	96	69	91	71	97	75	98	75	102	70	101	68	93	73	100	69	92	68	95	73	97	72	98	69
6....	85	71	93	70	94	72	94	73	91	69	94	79	93	76	101	71	101	69	92	74	104	66	96	71	98	70	96	73	96	70
7....	87	72	94	68	94	71	92																							